

Figure 1

MTIGEMLRSLTKLEWFSTLFPRI PVPVQKNIDQQIKTRPRKI
KKDGKEGAEIDRHVERRRSRSPRRSLSPRRSPRRSRSRSHH
REGHGSSSFDREREKERQRLEREAKEREKERRRSRSIDRG
LERRRSRSRERHRSRSRSRDRKGDRRDRDREEREKENERGR
RDRDYDKERGNEREKERERSRERSKEQSRGEVEEKKHKED
KDDRRHRDDKRDSKKEKKHSRSRSRERKHRSRSRSRNAGKR
SRSRSKEKSSKHKNESKEKSNKRSRSGSQGR TDSVEKSKKR
EHSPSKEKSRKRSRSKERSHKRDHSDSKDQSDKHDRRRSQSI
EQESQEKQHKNKDETV Stop

Figure 2

ACGCGGGGTTTCCAATTATTTGTTTCATTTATTTATTTTCTACATAACTAAATTAGAAACCTCACTGCTTCAT
GGCAGTTGGTTTTGCTATTGCTTCCAGTTTTATTAGGGCTTCATTTTATATTAGAGCTGTAAAAGATAACCT
TTAGACAGGAATTATCTAAAGTAGACATTTTATATTAGAGCTGTAAAAGATAACCTTTAGACAGGAATTAT
CTAAAGTAGATCATATGTAGCTAGGTTATGGTGCAAGGTGTATGATGTGTGCAAATATGTCCACAGAAATAA
ATACATAGTAGGTATGTGGAATGTAAATTTAAGTCAATCGTTCCGCATAGTTTAGAAATGTAAGGGGCTTTT
TCATATTGTTAACTGAGTGAGATCAGTTCCCTTTATGCCTGTGAGGCTGCAGGGTTTGTCTCATTGTCATG
CACACACTAAGCCCAAATATTTCTGTTTCATTTCATTGTCAGATCAGGATATGAAAATAAAATTTTCTGTAG
TTTTTTTTGTATTGAGATTCCAAAGATGGTAATATTTTTATAATATTCATGTATATATGAAATACTTTTT
TGACGGCTAGGGTATCTTTGTGTTTCTGTAGGACCTAGATGTGAAGGCTGGTGGAGGCTGTGTA
ATGACCATTGGAGAAATGCTACGATCTTTTCTCACAAAACCTGGAGTGGTTTTCTACCTTGTTC AAGAATT
CCAGTTCAGTTC AAAAGAATATTGATCAACAGATTAAAACCCGACCTAGAAAAATCAAGAAAGATGGGAAG
GAAGGTGCTGAGGAAATAGACAGACATGTTGAACGCAGACGTTCAAGGTCTCCAAGGAGATCTCTGAGTCCA
CGGAGGTCCCGAAGGAGGTCAAGAAGTAGAAGTCATCATCGGGGAGGGCCATGGGTCTTCTAGTTTTGACAGA
GAATTAGAAAGAGAGAAAGAACGCCAGCGACTAGAGCGTGAAGCCAAAGAAAGGGAGAAAGAA
CGGCGAAGATCCCGAAGTATTGACCGGGGGGTTAGAACGCAGGCGCAGCAGAAGTAGGGAAGGCATAGAAGT
CGCAGTCGAAGTCGTGATAGGAAAGGGGATAGAAGGGACAGGGATCGAGAAAGAGAGAAAGAAAATGAGAGA
GGTAGAAGACGAGATCGTGACTATGATAAGGAAAGAGGAAATGAACGAGAAAAAGAGAGAGAGCGATCAAGA
GAAAGGTCCAAGGAACAGAGAAGTAGGGGAGAGGTAGAAGAGAAGAAACATAAAGAAGACAAAGATGATAGG
CGGCACAGAGATGACAAAAGAGATTCCAAGAAAGAGAAAAAACACAGTAGAAGCAGAAGCAGAGAAAGGAAA
CACAGAAGTAGGAGTCGAAGTAGAAATGCAGGGAACGAAGTAGAAGTAGAAGCAAGAGAAATCAAGTAAA
CATAAAAATGAAAGTAAAGAAAAATCAAATAAACGAAGTCGAAGTGGCAGTCAAGGAAGAACTGACAGTGTT
GAAAAATCAAAAAACGGGAACATAGTCCCAGCAAAGAAAAATCTAGAAAGCGTAGTAGAAGCAAAGAACGT
TCCCACAAACGAGATCACAGTGATAGTAAGGACCAGTCAGACAAACATGATCGTCGAAGGAGCCAAAGTATA
GAACAAGAGAGCCAAGAAAAACAGCATAAAAAACAAAGATGAGACTGTG
TGAAAAATATTTTGTAAGGTGGATCACATTGAATCCTATAAATGATTAAATCTGCTTTTTTCCCCACGTTG
AGATTGTGCAGTAGTTTCGCACTCCTCAAGCTCTCCCTGTAGGCTGCATTTTCATTTCTCTTCGTGTAGGG
AAGTGCCTTTGTAATTCATTTATTGCATTGGTGTTCACCCAATTGTTAAGTTTGATACATGATGCACAG
ATTGTTCTTGCATTTTTATTGTTTGTGTTTGAATGTACAGTCTGTACATATGTCTGAAAATGTTTTAATT
CCTTTGGCATGGTTACCATGTTGGTTAAATTTGTATAAGGCAATAAACTGCCACTAATCCNAAAAAAAAAAAA
AAAAA

Start codon (ATG) and stop codon (TGA) underlined

FIGURE 3

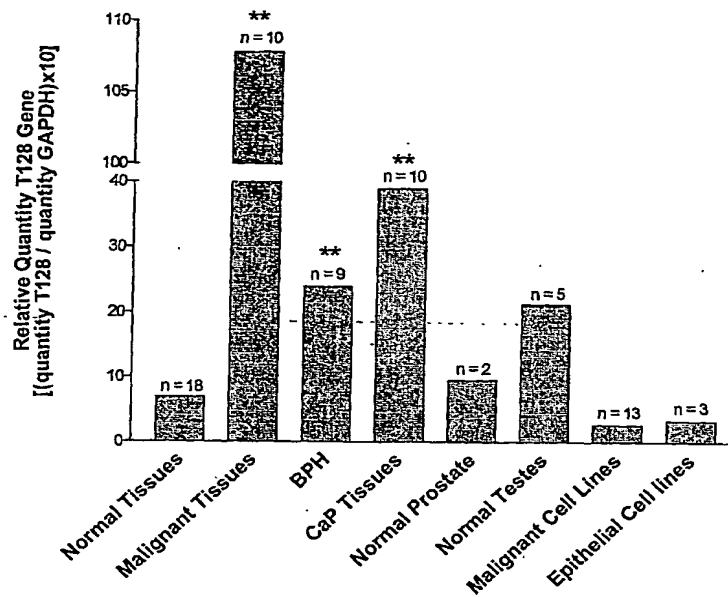


FIGURE 4

